geonet/ITS BoF

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Email list: ietf.org/mailman/listinfo/its

Meeting material:
https://datatracker.ietf.org/meeting/88/materials.html#wg-geonet

Agenda

- **Note well, agenda-bashing, blue sheets**
- **Introduction**, Alex Petrescu (5 minutes)

- **GeoNetworking Problem Statement**, Georgios Karagiannis (20 minutes)
  - draft-karagiannis-problem-statement-geonetworking-01

- **Implementation Interest at Componentality**, Alex Petrescu/Konstantin Khait (5min)

- **IPv6-over-802.11p**, Alex Petrescu (5 minutes)
  - draft-petrescu-ipv6-over-80211p-00.txt

- **Chartering discussion** (20 minutes)
- **Next steps** (5 minutes)

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Introduction

- Internet-wide Geo-Networking is a location-aware solution that provides packet delivery using geographical coordinates for packet dissemination over the Internet

Existing solutions outside of IETF

- **Geo-networking for ad hoc communication (not Internet-wide)** among vehicles and between vehicles and road-side stations:
  - ✓ Geographical addressing (geo-unicast, geo-broadcast, geo-anycast)
  - ✓ Single-hop and multi-hop communication over IEEE 802.11p / ITS-G5 with media-specific extensions
  - ✓ Advanced forwarding strategies
  - ✓ Sub-IP protocol; IPv6 over geo-networking
- ETSI Technical committee ITS, supported by Car-2-Car Communication Consortium (C2C-CC)
- EN 302 636 standard series
- Implementations available, ETSI plug-tests, field trials